

Portner, Ginny

To: STIC-ILL
Subject: neurotoxin

Characterization of bacteriophage nucleic acids obtained from Clostridium botulinum types C and D.

Fujii N ; Oguma K ; Yokosawa N; Kimura K; Tsuzuki K
Department of Microbiology, Sapporo Medical College, Japan.
Applied and environmental microbiology (UNITED STATES) Jan 1988 , 54
(1) p69-73, ISSN 0099-2240 Journal Code: 7605801
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Establishment of a monoclonal antibody recognizing an antigenic site common to Clostridium botulinum type B, C1, D, and E toxins and tetanus toxin.

Tsuzuki K; Yokosawa N; Syuto B; Ohishi I; Fujii N ; Kimura K; Oguma K
Department of Microbiology, Sapporo Medical College, Japan.
Infection and immunity (UNITED STATES) Apr 1988 , 56 (4) p898-902,
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E.C. number	3.4.24.69
Name	Bontoxilysin
Alternative names	⌚ Botulinum neurotoxin
Reaction	Limited hydrolysis of proteins of the neuroexocytosis apparatus, synaptobrevins, SNAP25 or syntaxin. No detected action on small molecule substrates.
Cofactors	⌚ Zinc
Comment	⌚ Belongs to peptidase family M27.
Links to : PROSITE	⌚ PDOC00129
Links to : SWISSPROT	P10845 BXA_CLOBO P10844 BXB_CLOBO P18640 BXC1_CLOBO P19321 BXD_CLOBO Q00496 BXE_CLOBO P30995 BXE_CLOBU P30996 BXF_CLOBO Q60393 BXG_CLOBO